

IN THE CLAIMS:

Please cancel claims 35-39 and 45-51 without prejudice as follows:

1-24. (Cancelled)

25. (Original) An optical camera configured to be installed in a mobile device so that the optical camera faces outwardly from a lateral side of the device, the optical camera comprising:

a cylindrically shaped housing comprising:

an anterior opening having diameter less than the diameter of a lens;

a posterior opening having a diameter sufficient for receiving the lens, a lens cap, and a camera; and

an inner surface;

a cylindrically shaped camera having an anterior surface, on which a lens hole is formed, and a circular exterior surface;

a ring-shaped lens cap having an internal diameter sufficiently large so that a transmission of an image from the lens to the camera is not affected, the lens cap comprising a plurality of notches to operationally engage with the inner surface of the housing;

a zoom lens situated adjacent to the anterior opening of the housing; and

a means for optical zoom.

26. (Original) The camera of claim 25, wherein the means for optical zoom comprises:

a screw head formed on the circular exterior surface of the cylindrically shaped camera;

a screw thread formed on the inner surface of the housing to engage the screw thread formed on exterior surface of the camera, wherein rotation of the housing results in rotation of the camera, thereby moving the camera longitudinally within the housing; and

a rotation handle in operative relationship with the housing such that rotation of the rotation handle results in rotation of the housing.

27. (Original) The camera of claim 25, wherein the means for optical zoom comprises:

- a plurality of longitudinal grooves formed on the circular exterior surface of the cylindrically shaped camera;

- a plurality of longitudinal protrusions formed on the inner surface of the housing to engage with the plurality of grooves formed on exterior surface of the camera;

- a controlling unit manipulated by at least one of a plurality of terminal manipulation devices;

- a motor operated by at least one signal transmitted from the controlling unit;

- a drive shaft having an anterior and posterior ends, wherein the posterior end is operatively connected to the motor so that the motor rotates the drive shaft;

- a pinion connected to the anterior end of the drive shaft; and

- a rack affixed to the housing and in operational relationship with the pinion so that rotation of the pinion results in longitudinal movement of the housing.

28. (Previously presented) The camera of claim 25, wherein the means for optical zoom comprises:

- a plurality of longitudinal grooves formed on the circular exterior surface of the cylindrically shaped camera;

- a plurality of longitudinal protrusions formed on the inner surface of the housing to engage with the plurality of grooves formed on exterior surface of the camera;

- a sensor situated on the device and adjacent to the camera so that the sensor and the camera are congruent;

- a controlling unit manipulated by at least one signal received from the sensor;

- a motor operated by at least one signal transmitted from the controlling unit;

- a drive shaft having an anterior and posterior ends, wherein the posterior end is operatively connected to the motor so that the motor rotates the drive shaft;

- a pinion connected to the anterior end of the drive shaft; and

a rack affixed to the housing and in operational relationship with the pinion so that rotation of the pinion results in longitudinal movement of the housing.

29-51. (Cancelled)